

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	578	(29/743).CCLS.	USPAT; USOCR	OR	OFF	2006/07/31 09:27
S2	778	(29/712,720,721).CCLS.	USPAT; USOCR	OR	OFF	2006/07/31 09:28
S3	86	S1 and S2	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/01 15:06
S4	25	((("4951388") or ("5867897") or ("6094808") or ("5667129") or ("5739525") or ("5784777") or ("6002650") or ("6176011") or ("4793707") or ("5195821") or ("5233745") or ("5564183") or ("5588195") or ("5727922") or ("5743005") or ("5758410") or ("6012222") or ("4381601") or ("4829664") or ("5323528") or ("5490084") or ("5607097") or ("6061900") or ("6088911") or ("6101707"))).PN.	USPAT; USOCR	OR	OFF	2006/07/31 11:34
S5	2031	(29/739,740,741).CCLS.	USPAT; USOCR	OR	OFF	2006/07/31 11:36
S7	1710	S5 not S1	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/07/31 11:36
S8	136	S7 and S2	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/07/31 13:00
S9	2604	(29/712,720,721,739,740,741).CCLS.	USPAT; USOCR	OR	OFF	2006/07/31 13:00
S10	525	S9 and nozzle	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/07/31 13:01
S11	188	S9 and nozzle same (sensor or detector or detecting or detection)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/07/31 13:01
S12	132	S11 not (S3 or S8)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/07/31 15:28
S13	2322	(kenji near kurata or iukuo near takemura or shigeru near iida or hiroyuki near watanabe).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/31 15:33

EAST Search History

S14	15	S13 and ("29" or "414" or "294" or "901").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/31 15:32
S15	22	(kenji near kurata).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/31 15:34
S16	555	S13 and (semiconductor or sensor or light or diode or pick and place or substrate or wafer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/31 15:36
S17	403	S13 and (semiconductor or sensor or pick and place or substrate or wafer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/31 15:37
S18	223	S13 and (semiconductor or sensor or pick and place or substrate or wafer)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/31 15:44
S19	65	S13 and H05\$.ipc.	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/31 15:51
S20	10	S13 and (semiconductor with (mount\$3 or assembl\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/31 15:53
S21	40	S13 and (apparatus with (mount\$3 or assembl\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/31 15:54
S22	162864	(sanyo electric).as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/31 15:54

EAST Search History

S23	6412	(sanyo electric).as.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/07/31 15:54
S24	169	S23 and ("29" or "414" or "294"). clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/07/31 15:59
S25	60	S23 and mounting and ("29" or "414" or "294").clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/07/31 16:02
S26	34	S23 and mounting and (sensor or optical or imaging or light) and ("29" or "414" or "294").clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/07/31 16:02
S27	25	S23 and mounting and (sensor or optical or imaging or detector) and ("29" or "414" or "294").clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/07/31 16:03
S28	23	("4706379" "4868973" "4881319" "4905370" "5003692" "5031309" "5212881" "5224262" "5377405" "5384956").PN. OR ("5539977").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/01 08:13
S29	0	((H05K013/\$).ipc.).CCLS.	EPO; JPO; DERWENT	OR	OFF	2006/08/01 08:18
S30	42946	(H05K013/\$).ipc.	EPO; JPO; DERWENT	ADJ	ON	2006/08/01 08:18
S31	36096	(H05K013/02 or H05K013/04 or H05K013/08).ipc.	EPO; JPO; DERWENT	ADJ	ON	2006/08/01 08:19
S32	14962	S31 and mounting	EPO; JPO; DERWENT	ADJ	ON	2006/08/01 08:19
S33	4674	S31 and mounting with apparatus	EPO; JPO; DERWENT	ADJ	ON	2006/08/01 08:19
S34	1332	S31 and mounting with apparatus and (nozzle)	EPO; JPO; DERWENT	ADJ	ON	2006/08/01 08:20
S35	655	S31 and mounting with apparatus and (nozzle) and suction	EPO; JPO; DERWENT	ADJ	ON	2006/08/01 08:20
S36	265	S31 and mounting with apparatus and (nozzle) and suction	EPO; JPO	ADJ	ON	2006/08/01 08:22
S37	255	S31 and mounting with apparatus and (nozzle) with suction	EPO; JPO	ADJ	ON	2006/08/01 08:23
S38	73	S31 and mounting with apparatus and (nozzle) with suction and (detect or detecting or detection or sensor)	EPO; JPO	ADJ	ON	2006/08/01 09:33
S39	305	(901/40).CCLS.	USPAT; USOCR	OR	OFF	2006/08/01 09:39

EAST Search History

S40	257	S39 and (vacuum or suction)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/01 09:40
S41	57	S39 and (vacuum or suction) and "29".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/01 09:47
S42	778	(414/226.05,737,752.1).CCLS.	USPAT; USOCR	OR	OFF	2006/08/01 09:48
S43	2520	((414/226.05,737,752.1) or (294/64.1,907)).CCLS.	USPAT; USOCR	OR	OFF	2006/08/01 09:49
S44	2306	((414/226.05,737,752.1) or (294/64.1)).CCLS.	USPAT; USOCR	OR	OFF	2006/08/01 09:49
S45	1683	S43 and (vacuum or suction)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/01 09:49
S46	178	S43 and (vacuum or suction) and mounting with apparatus	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/01 09:52
S48	84	S46 and (detector or detection or detecting or detect or sensor or sensing or sense)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/01 09:54
S49	578	(29/743).CCLS.	USPAT; USOCR	OR	OFF	2006/08/01 09:54
S50	778	(29/712,720,721).CCLS.	USPAT; USOCR	OR	OFF	2006/08/01 09:54
S51	86	S49 and S50	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/01 09:54
S52	68	S46 and (detector or detection or detecting or detect or sensor or sensing or sense) not S51	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/01 10:04
S53	10972	nozzle with (fall or falling)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/01 10:04
S54	200	nozzle with (fall or falling) and "29".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/01 10:04
S55	75	nozzle with (fall or falling) and "29".clas. and vacuum	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/01 10:07
S56	50	nozzle near5 (fall or falling) and "29".clas. and vacuum	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/01 10:07
S57	9	("4745295" "4905370" "5285946").PN. OR ("5661239").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/01 15:02

EAST Search History

S58	578	(29/743).CCLS.	USPAT; USOCR	OR	OFF	2006/08/01 15:06
S59	778	(29/712,720,721).CCLS.	USPAT; USOCR	OR	OFF	2006/08/01 15:06
S60	86	S58 and S59	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/01 15:06
S61	0	S60 and stuck	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/01 15:06
S62	1	("6640431").PN.	USPAT; USOCR	OR	OFF	2006/08/02 09:11
S63	578	(29/743).CCLS.	USPAT; USOCR	OR	OFF	2006/08/02 09:12
S64	275	S63 and (sensor or image or imaging or detector or detecting or detection or sensing)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/02 09:13
S65	778	(29/712,720,721).CCLS.	USPAT; USOCR	OR	OFF	2006/08/02 09:12
S66	86	S63 and S65	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/02 09:12
S67	199	S64 not S66	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/02 09:12
S68	58	S63 and (sensor or image or imaging or detector or detecting or detection or sensing).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/02 09:14
S69	26	S63 and (sensor or image or imaging or detector or detecting or detection or sensing).ab. not S66	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/02 09:14
S70	33	S63 and (sensor or image or imaging or detector or detecting or detection or sensing or optical).ab. not S66	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/02 09:27
S71	2034	(29/739,740,741).CCLS.	USPAT; USOCR	OR	OFF	2006/08/02 09:27
S72	162	S71 and (sensor or image or imaging or detector or detecting or detection or sensing or optical).ab. not (S70 or S66)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/02 09:28
S73	81	S71 and (sensor or image or imaging or detector or detecting or detection or sensing or optical).ab. and (vacuum or nozzle) not (S70 or S66)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/02 10:24

EAST Search History

S74	4	((("6915561") or ("6839958") or ("6748649") or ("6282779")).PN.	USPAT; USOCR	OR	OFF	2006/08/02 10:25
S75	1	("5033185").PN.	USPAT; USOCR	OR	OFF	2006/08/02 13:18
S76	1	("6868603").PN.	USPAT; USOCR	OR	OFF	2006/08/02 13:42